



PRIME AND BLOCK MOISTURE BARRIER

DESCRIPTION

One component moisture barrier and primer for priming porous and non-porous subfloors and for solidifying "overly porous" concrete and gypsum surfaces. Divergent Prime and Block is a premium moisture barrier for "green" concrete slabs and for concrete with residual moisture prior to installation of all types of floor covering. One coat of Divergent Prime and Block will block moisture in concrete slabs up to 12 lbs / 1000 sq ft / 24 h or up to 90% RH. Two coats of DPB will block moisture in concrete slabs up to 18 lbs / 1000 sq ft / 24 h or up to 98% RH. Two coats of Divergent Prime and Block can also be used to block moisture up to 6 lbs/1000 sqft/24 h (ASTM F 1869) or up to 85% RH (ASTM F 2170-02) and on radiant heated floors before the installation of glue down flooring.

PROPERTIES

Base: Polyurethane resin, VOC content: 0 g/l US regulatory, ASTM E 96; WVT 0,138 g/m² x h, approx. 7,9 mils, Permeance (perms) 0.47 approx. 7.9 mils. Curing time: approx. 40-50 minutes, Cleaning agent: Mineral spirits before primer cures, Shelf life: 1 year in unopened container at 70 °F, Application: use a 3/8" micro fiber roller, Coverage: approx. 320-400 sq ft/gal for priming, approx. 160-190 sq ft/gal for a 2 coat moisture barrier.

SUBFLOORS

All surfaces must meet the NWFA or ASTM F710 guidelines, they must be smooth and level. They must be structurally sound, solid, well fastened, clean and free from dust, oil, grease, paint, wax, old adhesive. Check for curing and parting compounds, surface hardeners and sealers which are known to interfere with the adhesive bond to concrete, as well as loosely bonded toppings, primers or any other deleterious substances that may prevent or reduce adhesion. Do not use Divergent Prime and Block on subfloors with hydrostatic pressure. Application: Shake Divergent Prime and Block Moisture Barrier well before use. Apply each coat of the primer by using 3/8" micro fiber roller evenly and without puddling or dry spots. When applying two coats it is recommended to apply one coat and the second coat perpendicular to the first to ensure complete coverage with no dry spots or puddling. Each coat must form a thin and entirely closed layer. When applying one coat it is also recommended to spread the primer in a cross directional action on the floor to avoid dry or missed spots. Install wood floorings with Divergent Urethane or Acrylic adhesives within 72 hours after Divergent Prime and Block is cured. If leveling of the subfloor is required, apply approved primer for non-porous, on top of Divergent Prime and Block Moisture Barrier within 24 hours after Divergent Prime and Block Moisture Barrier is cured. Important Information: Jobsite conditions must meet NWFA or ASTM F710 Guidelines. Doors and windows must be installed and the HVAC running to simulate the living environment.

Climate conditions at work site: 60 °F to 75 °F/15 °C to 24°C, 40 % to 65 % relative humidity. Acclimatize materials during cold periods properly. Primer can be used above grade, on grade and below grade. Do not use primer on subfloors that do not meet these written guidelines or has hydrostatic pressure. Disclaimer: It is the sole responsibility of the installer to determine the suitability and compatibility of the product for the user's intended use.

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WARNING!

Danger: Contains: diphenylmethane-4, 4'-di-isocyanate, isomers, aromatic polyisocyanate, o-(p-isocyanatobenzyl)phenyl isocyanate, diphenylmethane-2, 2'-diisocyanate, diphenylmethanediisocyanate, isomers and homologues. Harmful if inhaled. Causes skin irritation. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. Suspected of causing cancer. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure. Do not breathe dust/fume/gas/mist/vapors/spray. [In case of inadequate ventilation] wear respiratory protection. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If experiencing respiratory symptoms: Call a **Poison Center** / doctor. **If inhaled:** Remove person to fresh air and keep comfortable for breathing. Call a **Poison Center** / doctor if you feel unwell. Wash contaminated clothing before reuse. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Get medical advice/attention if you feel unwell. **If on skin:** Wash with plenty of water. Take off contaminated clothing and wash it before reuse. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/container in accordance with local/regional/national/international regulations. Fire fighting: In case of fire, use alcohol foam, dry chemical, carbon dioxide, or water spray. Use self-contained breathing apparatus and full protective clothing. Lead points under EQ 4.1. Made in Germany.



OUR EXPERIENCE ENSURES YOUR SUCCESS

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